

2019 FII KEY FOREST SECTOR DATA AND STATS

All data compiled by BC Stats. Last updated: May 2019. If you have questions or concerns about this data, please contact Elise.Duncan@bcfii.ca.

Table 1: Harvest Volume in Cubic Metres by Ownership

Land Ownership	2014	2015	2016	2017	2018
Coast Total	19,282,262	17,791,230	18,315,551	16,617,401	17,980,908
<i>Crown</i>	13,871,006	13,076,911	13,225,408	11,598,127	12,451,689
<i>Federal</i>	4,559	11,735	28,412	3,849	39,483
<i>Private</i>	5,406,698	4,702,584	5,061,731	5,015,425	5,489,737
Interior Total	47,031,572	50,735,482	47,687,015	47,674,439	49,377,479
<i>Crown</i>	45,310,765	48,757,654	45,754,854	45,459,666	45,465,698
<i>Federal</i>	21,111	8,049	5,118	7,485	167,845
<i>Private</i>	1,699,696	1,969,779	1,927,043	2,207,288	3,743,936
Total	66,313,834	68,526,712	66,002,566	64,291,840	67,358,387

Excludes waste, reject and Christmas trees

Source: Timber Pricing Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 2: Harvest Volume in Cubic Metres by Wood Type

Wood Type	2014	2015	2016	2017	2018
Coast Total	19,282,262	17,791,230	18,315,551	16,617,401	17,980,908
<i>Deciduous (Hardwood)</i>	176,591	220,100	159,256	213,712	221,186
<i>Coniferous (Softwood)</i>	19,105,672	17,571,130	18,156,295	16,403,689	17,759,722
Interior Total	47,031,572	50,735,482	47,687,015	47,674,439	49,377,479
<i>Deciduous (Hardwood)</i>	1,314,261	1,685,108	1,397,288	1,462,193	1,448,342
<i>Coniferous (Softwood)</i>	45,717,310	49,050,374	46,289,727	46,212,246	47,929,137
Total	66,313,834	68,526,712	66,002,566	64,291,840	67,358,387

Excludes waste, reject and Christmas trees

Source: Timber Pricing Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 3: Area Planted by Region in Hectares, 2017/2018

Natural Resource Region	Crown Land	Private Land	Total
Cariboo	28,954	0	28,954
Kootenay-Boundary	15,958	0	15,958
Northeast	9,905	0	9,905
Omineca	51,488	0	51,488
Skeena	22,915	17	22,932
South Coast	5,525	13	5,538
Thompson-Okanagan	32,653	0	32,653
West Coast	13,041	102	13,143
Total	180,439	132	180,571

Source: Resource Practises Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 4: Seedlings Planted by Region in Thousands, 2017/2018

Natural Resource Region	Crown Land	Private Land	Total
Cariboo	38,227	0	38,227
Kootenay-Boundary	19,600	0	19,600
Northeast	13,536	0	13,536
Omineca	70,741	0	70,741
Skeena	32,168	22	32,190
South Coast	5,887	15	5,902
Thompson-Okanagan	42,373	0	42,373
West Coast	12,085	96	12,181
Total	234,617	133	234,750

Source: Resource Practises Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 5: Area Defoliated by Pests and Other Disturbances in Hectares, 2018

Area	Mountain Pine Beetle	Other Bark Beetle	Defoliator Pests	Diseases and Other Disturbances	Total
Great Bear Rainforest	1,961	92,741	7,104	212,098	313,904
South Coast	305	36,857	0	28,938	66,100
West Coast	0	4,315	121	27,393	31,829
Cariboo	14,792	198,613	271,937	91,365	576,707
Thompson/Okanagan	7,994	165,758	61,302	112,462	347,516
Kootenay/Boundary	14,615	63,084	28,540	102,627	208,866
Skeena	2,924	1,238,099	684,096	638,884	2,564,003
Omineca	57,896	1,992,386	845,283	162,959	3,058,524
Northeast	13,294	301,276	123,296	289,121	726,987
Total	113,781	4,093,129	2,021,679	1,665,847	7,894,519

Source: Ministry of Forests, Lands and Natural Resource Operations

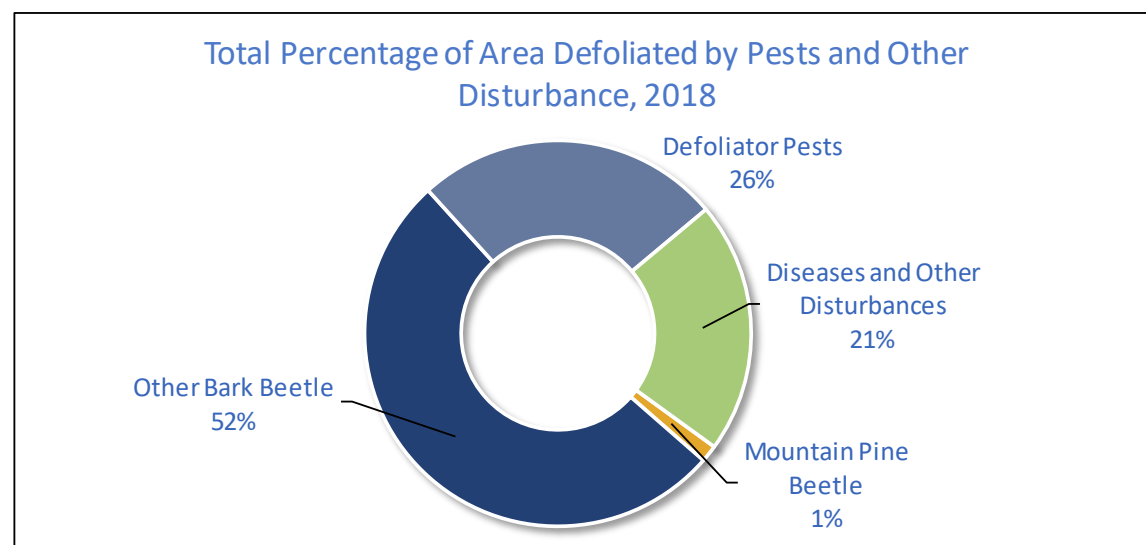


Table 6: Number of Forest Fires and Area Burned in Hectares

Year	Total Fires	Hectares Burned	People-Caused	Lightning-Caused
2008	2,023	13,240	848	1,175
2009	3,064	247,419	881	2,183
2010	1,672	337,149	680	992
2011	653	12,604	444	209
2012	1,649	102,122	708	942
2013	1,861	18,298	564	1,297
2014	1,481	369,168	664	817
2015	1,858	280,605	617	1,237
2016	1,050	100,366	564	486
2017	1,353	1,216,053	552	773
2018	2,117	1,354,284	535	1,489

Source: Wildfire Management Branch, BC Forest Service

Table 7: Timber Supply Forecast in Millions of Cubic Metres

2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
65.72	65.41	64.74	63.83	62.95	62.84	59.40	57.30	55.44	55.62
2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
55.53	55.49	55.17	55.09	55.04	54.82	54.81	54.81	54.72	54.72

Includes TSAs and TFLs only; wood from private lands and from other tenures such as Community Forest Agreements, First Nation Woodland Licences or Woodlot Licences is excluded

Source: Forest Analysis & Inventory Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 8: Value of Manufacturing Shipments in Millions of Current Dollars

Industry	2014	2015	2016	2017	2018
Sawmills and Wood Preservation	6,393.1	6,483.9	7,194.0	8,110.1	7,864.7
<i>Sawmills (Except Shingle and Shake Mills)</i>	5,799.3	5,839.6	6,539.3	7,306.8	6,756.6
Veneer, Plywood and Engineered Wood	1,534.9	1,711.0	1,820.6	2,163.1	2,644.3
Other Wood Products	1,376.6	1,490.2	1,804.3	1,915.9	2,080.1
Pulp & Paper Products	4,558.6	4,639.3	4,332.5	4,820.8	5,803.5
<i>Pulp</i>	2,650.9	2,622.1	2,449.3	2,866.8	3,567.4
<i>Paper, Newsprint and Paperboard</i>	1,606.6	1,683.1	1,515.3	1,536.8	1,804.2
<i>Converted Paper Products</i>	301.1	334.1	367.9	417.2	431.9
Total	13,863	14,324	15,152	17,010	18,393

Source: Statistics Canada

Table 9: Softwood Lumber Production by Region in Thousands of Cubic Metres

Region	2012	2013	2014	2015	2016	2017	2018
Coast	x	3,561	3,657	3,685	3,772	3,250	3,081
Interior Total	x	26,462	25,965	26,882	27,586	26,923	25,780
<i>Northern Interior</i>	12,403	13,148	13,106	14,132	14,507	14,679	13,940
<i>Southern Interior</i>	x	13,314	12,860	12,750	13,078	12,243	11,840
B.C. Total	29,164	30,023	29,623	30,568	31,357	30,173	28,862

X – Suppressed to meet confidentiality requirements

Source: Statistics Canada

Table 10: Pulp and Paper Production in Thousands of Tonnes

Industry	2012	2013	2014	2015	2016	2017	2018
Pulp	4,444	4,172	4,294	4,320	4,223	4,215	4,089
Newsprint	411	421	487	418	325	321	x
Other Paper and Paperboard	1,033	998	945	833	818	788	x
Total	5,888	5,591	5,726	5,571	5,366	5,334	5,129

X – Suppressed to meet confidentiality requirements

Source: Pulp and Paper Products Council

Table 11: Forest Sector and Total BC Gross Domestic Product in Millions of Chained 2012 Dollars

Industry	2013	2014	2015	2016	2017	2018
Forestry and Logging	2,010.6	1,977.2	1,970.0	1,887.5	1,821.7	1,911.9
Support Activities for Forestry	553.6	582.9	605.7	635.8	637.5	679.3
Wood Product Manufacturing	2,779.7	2,810.0	2,842.0	3,013.7	2,986.4	2,974.8
Pulp, Paper and Paperboard Mills	1,002.3	1,287.5	1,323.1	1,256.8	1,295.9	1,329.0
Converted Paper Product Manufacturing	201.6	104.6	129.2	136.7	150.6	149.2
Total B.C. GDP	211,555.3	219,060.9	224,153.4	231,509.9	240,657.9	246,506.3

Source: Statistics Canada

Table 12: Forest Sector Gross Domestic Product as a Percent of Total GDP

Industry	2013	2014	2015	2016	2017	2018
Forestry and Logging	1.0%	0.9%	0.9%	0.8%	0.8%	0.8%
Support Activities for Forestry	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Wood Product Manufacturing	1.3%	1.3%	1.3%	1.3%	1.2%	1.2%
Pulp, Paper and Paperboard Mills	0.5%	0.6%	0.6%	0.5%	0.5%	0.5%
Converted Paper Product Manufacturing	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%
Sub-Total	3.1%	3.1%	3.1%	3.0%	2.9%	2.9%

Source: Statistics Canada

Table 13: Forest Sector Exports in Millions of Current Dollars

Commodity	2014	2015	2016	2017	2018
Wood Products	8,101.5	8,406.0	9,764.9	9,736.2	9,593.2
Pulp and Paper Products	4,265.6	4,366.1	3,935.7	4,424.2	5,298.3
Sub-Total	12,397.2	12,772.1	13,700.6	14,160.4	14,891.5
Total B.C. Exports	35,832.5	35,497.0	38,422.5	43,279.8	46,504.4

Source: Statistics Canada

Table 14: Pulp and Paper Product Exports by Destination, 2018

Destination Country	Pulp (\$millions)	Pulp (metric kilotonnes air dry)	Paper & Paperboard (\$millions)	Paper & Paperboard (metric kilotonnes)	Other Pulp & Paper Products (\$millions)*
China & Hong Kong	2,535.4	2,430.7	133.4	152.7	20.8
United States	424.4	441.1	496.6	516.9	100.0
Indonesia	367.0	324.8	0.4	0.7	2.1
Japan	253.7	244.1	1.2	1.3	0.3
India	163.4	194.8	37.6	47.0	7.1
South Korea	163.2	163.7	3.4	2.7	4.7
European Union	95.6	75.3	13.8	11.2	0.5
Other	343.2	302.5	229.4	247.2	15.6
Total	4,345.9	4,176.9	915.8	979.9	151.1

* No volume information available

Source: Statistics Canada

Table 15: B.C. Commodity Wood Product Exports (Softwood Lumber and Panel Products), Cubic Metres

Commodity	2014	2015	2016	2017	2018
China and Hong Kong	7,641,172	6,709,856	6,067,822	5,627,572	5,034,589
European Union	197,418	164,873	165,996	156,787	134,584
India	23,124	35,320	20,308	36,405	26,893
Japan	2,429,880	2,402,696	2,335,321	2,244,718	2,178,647
South Korea	278,300	310,175	288,858	256,920	222,363
United States	15,638,616	17,004,646	19,702,678	17,918,863	17,321,475
Total All Destinations	27,362,901	27,982,006	29,803,383	27,506,639	26,234,991

Source: Statistics Canada

Table 16: Value-Added Wood Product Exports by Destination in Thousands of Current Dollars, 2018

Product	US	Japan	EU	Total
Moulding	6,515.8	0.5	0.0	6,516.3
Siding	27,878.0	1,545.0	148.9	29,766.3
Flooring	275.9	0.0	4.0	283.4
Other Wood Continuously Shaped	28,906.6	4,137.9	442.3	35,527.5
Shakes and Shingles	149,872.3	71.2	11,235.9	167,745.3
Roof Trusses	2,832.1	0.0	0.0	2,833.1
Windows	6,621.8	6.7	0.0	6,630.8
Doors	58,530.0	164.5	0.0	58,810.7
Laminated Beams and Arches	593.9	120.8	0.0	805.9
Prefabricated Partitions	13,097.3	112.4	0.0	13,685.9
Other Builders' Joinery	144,633.8	4,729.2	46.1	150,818.1
Wooden Seats	6,981.3	0.0	7.8	7,211.9
Office Furniture	2,617.2	20.6	294.0	3,047.1
Kitchen Furniture	32,303.4	310.4	0.0	32,653.3
Bedroom Furniture	45,502.7	0.0	44.1	45,561.9
Other Furniture	48,975.9	24.5	109.8	49,247.0
Articles Made of Wood	116,767.1	29.4	198.6	117,436.8
Prefabricated Buildings	21,379.5	1,525.9	2,201.9	25,761.8
Total Value-Added Wood Products	714,284.5	12,798.9	14,733.5	754,343.0

Source: Statistics Canada

Table 17: Forest Sector Business Location Counts by Employee Class, 2018

Industry	No Employees	1-49 Employees	50+ Employees	Total
Logging and Silviculture	3,179	2,238	92	5,509
Wood Manufacturing	614	633	138	1,385
Pulp and Paper Manufacturing	26	24	28	78
All Forest Sector Industries	3,819	2,895	258	6,972

Source: Statistics Canada

Table 18: B.C. Forest Sector Employment Multipliers (Per \$1 Million of Output)

Industry	Direct	Indirect	Induced	Total
Forestry and Logging	2.5696	3.0818	0.7210	6.3724
Support Activities for Forestry	6.9125	1.4889	0.7172	9.1185
Sawmills and Wood Preservation	2.1688	3.7834	0.8210	6.7732
Veneer, Plywood and Engineered Wood Product Manufacturing	3.7910	2.8618	0.8618	7.5145
Other Wood Product Manufacturing	3.2951	3.0102	0.6678	6.9731
Pulp, Paper and Paperboard Mills	1.4378	2.7016	0.6381	4.7775
Converted Paper Product Manufacturing	4.0315	1.4162	0.6872	6.1349
Total Forest Sector (No Duplication)	2.2868	1.2293	0.4462	3.9623

Source: BC Stats, based on 2014 input tables

Table 19: Employment in the Forest Sector (Labour Force Survey)

Industry	2014	2015	2016	2017	2018
Forestry and Logging	19,200	19,400	19,400	18,600	17,800
Paper Manufacturing	12,200	10,100	8,500	10,700	8,800
Wood Product Manufacturing	33,700	36,000	32,000	27,800	23,900
Total	65,100	65,500	59,900	57,100	50,500

Source: Statistics Canada

Table 20: Employment in the Forest Sector (Survey of Employment, Payrolls and Hours*)

Industry	2014	2015	2016	2017	2018
Forestry and Logging	16,101	16,999	16,937	17,406	17,767
Paper Manufacturing	8,246	8,417	7,837	7,912	7,230
Wood Product Manufacturing	26,320	26,377	26,943	27,117	27,888
Total	50,667	51,793	51,717	52,435	52,885

*Survey of Employment, Payrolls and Hours (SEPH) is an employer survey, so self-employed are excluded from these numbers.

Source: Statistics Canada

Table 21: Wages and Salaries in the Forest Sector in Millions of Current Dollars (Survey of Employment, Payrolls and Hours*)

Industry	2014	2015	2016	2017	2018
Forestry and Logging	959.4	1,086.4	1,088.0	1,112.3	1,255.3
Paper Manufacturing	578.9	705.8	649.1	668.9	558.6
Wood Product Manufacturing	1,461.6	1,543.7	1,663.2	1,817.9	1,754.6
Total	2,999.9	3,335.9	3,400.3	3,599.1	3,568.5

*Survey of Employment, Payrolls and Hours (SEPH) is an employer survey, so self-employed are excluded from these numbers.

Source: Statistics Canada

Table 22: Capital Expenditures in the Forest Sector in Millions of Current Dollars

Expenditure Type	Industry	2015	2016	2017	2018	2019*
Total Capital Expenditures	Forestry and Logging	197.9	219.5	232.2	226.1	264.3
	Wood Product Manufacturing	579.5	234.3	283.2	341.6	308.8
	Paper Manufacturing	171.4	123.5	240.9	225.5	219.3
Construction	Forestry and Logging	56.0	88.6	103.2	76.8	80.9
	Wood Product Manufacturing	105.3	60.6	50.4	55.7	66.5
	Paper Manufacturing	20.9	9.1	x	13.7	14.5
Machinery and Equipment	Forestry and Logging	141.8	130.9	129.0	149.3	183.4
	Wood Product Manufacturing	474.2	173.8	232.9	285.9	242.3
	Paper Manufacturing	150.5	114.4	x	211.8	204.8

* Intentions.

X – Suppressed to meet confidentiality requirements

Source: Statistics Canada

Table 23: Natural Resource Revenue from Forests (i.e. Revenue to Provincial Government)

2018/19	2019/20
\$1,389 million	\$1,155 million

Source: Ministry of Finance, Budget Estimates

ADDITIONAL RESOURCES:

- www.bcfii.ca
- www.naturallywood.com
- [naturally:wood factsheet: Forest Certification in British Columbia; naturally:wood, 2019](#)
- [Forest Industry Economics; the Province of British Columbia, 2017](#)
- [An overview of sustainable forest management in British Columbia; the Province of B.C., 2017](#)

ABOUT FORESTRY INNOVATION INVESTMENT:

Forestry Innovation Investment is the provincial agency charged with maintaining, creating and diversifying markets for B.C. forest products. FII works with and supports the forest sector to bring advanced wood products and technologies to market; promotes B.C. products and forest management practices to the global marketplace; and leverages resources to ensure the forest sector continues to be a key contributor to the B.C. economy. For more information visit www.bcfii.ca.